

CLAIMS

1. A computer-implemented method for defining one or more roles for a project, the method comprising:

generating a skills list for a project based on a comparison between a skills taxonomy and key words from unstructured text associated with the project; and

generating one or more role templates for the project based on a comparison of at least a portion of the generated skills list and one or more predefined roles, wherein each role template includes one or more skills associated with a role.

2. The method in accordance with claim 1, further comprising
retrieving the unstructured text from one or more sets of unstructured data; and
extracting the key words from the unstructured text.

3. The method in accordance with claim 1, wherein the skills list includes a plurality of skills, and further comprising ranking each of the plurality of skills based on a relevance to the project.

4. The method in accordance with claim 1, wherein the key words include at least one noun.

5. The method in accordance with claim 1, wherein the one or more predefined roles are accessed from an archive of project roles.

6. The method in accordance with claim 5, further comprising storing the one or more role templates in the archive of project roles.

7. The method in accordance with claim 1, wherein at least one of the one or more skills in the role template is required for the role.

8. The method in accordance with claim 1, wherein at least one of the one or more skills in the role template is optional for the role.

9. The method in accordance with claim 1, further comprising matching a specific individual with a role template.

10. The method in accordance with claim 9, further comprising determining whether each skill in a role template is required or optional.

11. A computer-implemented method for defining one or more roles for a project, the method comprising:

comparing a skills taxonomy with key words from unstructured text associated with the project to generate a skills list; and

comparing at least a portion of the generated skills list with one or more predefined roles to generate one or more role templates for the project, wherein each role template includes one or more skills associated with fulfilling a role.

12. The method in accordance with claim 11, further comprising retrieving the unstructured text from one or more sets of unstructured data; and extracting the key words from the unstructured text.

13. The method in accordance with claim 12, wherein the skills list includes a plurality of skills.

14. The method in accordance with claim 13, further comprising: ranking the plurality of skills based on a relevance to the project; and filtering skills from the skills list that rank below a predetermined threshold.

15. The method in accordance with claim 12, wherein the key words include at least one noun.

16. The method in accordance with claim 12, wherein the one or more predefined roles are accessed from an archive of project roles.

17. The method in accordance with claim 16, further comprising storing the one or more role templates in the archive of project roles.

18. A computer-implemented method for defining one or more roles for a project, the method comprising:

- extracting key words from unstructured text associated with a project;
- comparing the key words with a skills taxonomy;
- generating a skills list for the project based on matches between the key words and the skills taxonomy;
- comparing the skills list with one or more predefined roles; and
- generating one or more role templates for the project based on matches between the skills list and the predefined roles, wherein each role template includes one or more skills.

19. The method in accordance with claim 18, further comprising:

- ranking the plurality of skills based on a relevance to the project; and
- filtering skills from the skills list that rank below a predetermined threshold.

20. A project role generator system, comprising:

- a skills taxonomy;
- an archive of at least one predefined project role;
- a search engine retrieving unstructured text from one or more sets of unstructured data and extracting key words from the unstructured text associated with a project; and
- a role generator generating one or more role templates for the project based on the key words, predefined roles, and the skills taxonomy, wherein each role template includes one or more skills associated with fulfilling a role.

21. The system in accordance with claim 20, wherein the role generator is configured to:

- generate a skills list for a project based on a comparison between the skills taxonomy and the key words; and

generate the one or more role templates based on a comparison of at least a portion of the generated skills list and one or more predefined roles.

22. The system in accordance with claim 20, wherein the role generator is configured to:

compare the skills taxonomy with the key words to generate a skills list; and
comparing at least a portion of the generated skills list with one or more predefined roles to generate the one or more role templates.

23. The system in accordance with claim 20, further comprising a portal for accessing the one or more role templates.

24. The system in accordance with claim 20, wherein the role generator is configured for ranking the plurality of skills based on a relevance to the project, and wherein the role generator includes a filter for filtering skills from the skills list that rank below a predetermined threshold.

25. The system in accordance with claim 20, wherein the role generator operates in a composite application environment.

26. The system in accordance with claim 25, wherein the composite application environment includes a plurality of integrated applications.

27. The system in accordance with claim 20, wherein the role generator operates in a business application.

28. The system in accordance with claim 27, wherein the business application is a project management application.

29. The system in accordance with claim 28, wherein the business application is a human resource application.

30. The system in accordance with claim 27, wherein the business application is integrated within a composite application environment.